CLAIMS

What is claimed is:

1   1.   A method comprising:

2   determining if there is a better channel available for use in response to an indication

3   associated with an arrival of a co-channel wireless network.

1   2.   The method of claim 1, further comprising:

2   notifying station(s) to change to a different channel.

1   3.   The method of claim 1, further comprising:

2   notifying station(s) to restrict a channel width set.

1   4.   The method of claim 3, wherein notifying station(s) to restrict a channel width set

2   comprises:

3   notifying station(s) to remove widths from a channel width set that are not present in a

4   channel width set of the co-channel wireless network.

1   5.   The method of either claim 2 or claim 3, wherein determining if there is a better channel

2   available for use comprises:

3   searching for an unused channel.

1   6.   The method of claim 5, wherein notifying station(s) comprises:

2   transmitting an Institute of Electrical and Electronics Engineers (IEEE) 802.11 compliant

3 beacon.

1 7. An electronic appliance, comprising:

2   one or more dipole antenna(e);

3   one or more wireless network interface(s), coupled with the one or more dipole

4 antenna(e), to communicate with other devices; and

5   a manager engine coupled with the wireless network interface(s), the manager engine to

6 determine if there is a better channel available to use in response to an indication associated with

7 an arrival of a co-channel wireless network.

1 8. The electronic appliance of claim 7, wherein the manager engine to determine if there is a

2 better channel available to use comprises:

3   the manager engine to search for an unused channel.

1 9. The electronic appliance of claim 8, further comprising:

2   the manager engine to notify station(s) to change to a different channel.

1 10. The electronic appliance of claim 8, further comprising:

2   the manager engine to notify station(s) to restrict a channel width set.

1   11.   A storage medium comprising content which, when executed by an accessing machine,

2   causes the accessing machine to determine if there is a better channel available for use in

3   response to an indication associated with an arrival of a co-channel wireless network.

1   12.   The storage medium of claim 11, wherein the content to determine if there is a better

2   channel available for use comprises content which, when executed by the accessing machine,

3   causes the accessing machine to search for an unused channel.

1   13.   The storage medium of claim 12, further comprising content which, when executed by

2   the accessing machine, causes the accessing machine to notify station(s) to change to a different

3   channel.

1   14.   The storage medium of claim 12, further comprising content which, when executed by

2   the accessing machine, causes the accessing machine to notify station(s) to restrict a channel

3   width set.

1   15.   The storage medium of either claim 13 or claim 14, wherein the content to notify

2   station(s) comprises content which, when executed by the accessing machine, causes the

3   accessing machine to transmit an Institute of Electrical and Electronics Engineers (IEEE) 802.11

4   compliant beacon.

1   16.   An apparatus, comprising:

2   one or more dipole antenna(e);

3   one or more wireless network interface(s), coupled with the dipole antenna(e), to

4   communicate with other devices; and

5   control logic coupled with the wireless network interface(s), the control logic to

6   determine if there is a better channel available to use in response to an indication associated with

7   an arrival of a co-channel wireless network.

1   17.   The apparatus of claim 16, wherein the control logic to determine if there is a better

2   channel available to use comprises control logic to search for an unused channel.

1   18.   The apparatus of claim 17, further comprising control logic to notify station(s) to change

2   to a different channel.

1   19.   The apparatus of claim 17, further comprising control logic to notify station(s) to restrict

2   a channel width set.

1   20.   The apparatus of either claim 16 or claim 17, wherein the control logic to notify station(s)

2   comprises control logic to transmit an Institute of Electrical and Electronics Engineers (IEEE)

3   802.11 compliant beacon.